

11. (New) An optimized bus connection according to Claim 7, wherein,
for the first class of transactions, starting from a point of arrival in the second
functional section up to the execution unit of the third functional section, there is
implemented a shortcut which operates on condition that an empty state exists in the
functional line allocated to the first class.

12. (New) An optimized bus connection according to Claim 8, wherein,
for the first class of transactions, starting from a point of arrival in the second
functional section up to the execution unit of the third functional section, there is
implemented a shortcut which operates on condition that an empty state exists in the
functional line allocated to the first class.

REMARKS

Favorable consideration of this application, as presently amended, is respectfully
requested.

The present preliminary amendment is submitted to present new Claims 5-12 for
examination. New Claims 5-12 are deemed to be self-evident from the original disclosure,
including original Claims 1-4, and thus are not deemed to raise any issues of new matter.

The present application is believed to be in condition for a full and thorough examination on the merits. An early and favorable consideration of the present application is hereby respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Gregory J. Maier
Attorney of Record
Registration No. 25,599
Surinder Sachar
Registration No. 34,423



22850

(703) 413-3000
Fax No.: (703)413-2220
GJM/SNS:kst

I:\atty\SNS\211329us-pr.wpd

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926067
JC12 Rec'd PCT/PTO 23 AUG 2001

Marked-Up Copy

Serial No:

Amendment Filed on:

8/23/01

IN THE SPECIFICATION

Please replace the title on page 1, with the following:

[OLD TITLE] NEW TITLE

IN THE CLAIMS

Claims 1-4 (Cancelled).

Claims 5-12 (New).